

Detailed Facility Report

Facility Summary

APEX SANITARY LANDFILL
11 COUNTY ROAD 78, AMSTERDAM, OH
43903

FRS (Facility Registry Service) ID: 110024560875
 EPA Region: 05
 Latitude: 40.432403
 Longitude: -80.911512
 Locational Data Source: EIS
 Industry:
 Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Insp (5 Years)	4
Date of Last Inspection	09/30/2020
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	CWA
Insp (5 Years)	2
Date of Last Inspection	04/25/2018
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	6
Qtrs with Significant Violation	3
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	RCRA
Insp (5 Years)	--
Date of Last Inspection	--
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Operating Major (OH0000000641000223), Operating Major (OH0000000641025009)
Clean Water Act (CWA): Minor, Permit Effective (OH0115100), Minor, Permit Expired (OHP000214)
Resource Conservation and Recovery Act (RCRA): Active (OHR000207449)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): 9287811
Greenhouse Gas Emissions (eGGRT): 1006777
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110024560875					N	40.432403	-80.911512
GHGRP	CAA	1006777	Direct Emitter	Subject	General Stationary Fuel Combustion, Municipal Landfills		N	40.424619	-80.927272
EIS	CAA	9287811					N	40.432403	-80.911512
ICIS-Air	CAA	OH0000000641000223	Major Emissions	Operating	CAAMACT, CAANSPS, CAASIP, CAATVP		N	40.42462	-80.927272
ICIS-Air	CAA	OH0000000641025009	Major Emissions	Operating	CAAMACT, CAANSPS, CAASIP		N	40.42462	-80.927272
ICIS-NPDES	CWA	OH0115100	Minor: NPDES Individual Permit	Effective		04/30/2025	N	40.424967	-80.924126
ICIS-NPDES	CWA	OHP000214	Minor: Individual IU Permit (Non-NPDES)	Expired		12/31/2010	N	40.424619	-80.927272
RCRAInfo	RCRA	OHR000207449	LQG	Active (H)			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110024560875	APEX SANITARY LANDFILL	11 COUNTY ROAD 78, AMSTERDAM, OH 43903
GHGRP	CAA	1006777	APEX ENVIRONMENTAL, LLC - SANITARY LANDFILL (0641000223)	11 COUNTY ROAD 78, AMSTERDAM, OH 43903
EIS	CAA	9287811	APEX ENVIRONMENTAL, LLC - SANITARY LANDFILL (0641000223)	11 COUNTY RD 78, AMSTERDAM, OH 43903
ICIS-Air	CAA	OH0000000641000223	APEX ENVIRONMENTAL, LLC - SANITARY LANDFILL	11 COUNTY RD 78, AMSTERDAM, OH 43903

System	Statute	Identifier	Facility Name	Facility Address
ICIS-Air	CAA	OH000000641025009	APEX LFG ENERGY, LLC	11 COUNTY RD 78, AMSTERDAM, OH 43903
ICIS-NPDES	CWA	OH0115100	APEX SANITARY LANDFILL	APEX-AMSTERDAM RD, AMSTERDAM, OH 43903
ICIS-NPDES	CWA	OHP000214	APEX SANITARY LANDFILL	11 COUNTY ROAD 78, AMSTERDAM, OH 43903
RCRAInfo	RCRA	OHR000207449	APEX LFG ENERGY LLC	11 CO RD 78, AMSTERDAM, OH 43903

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	OH0115100	4953	Refuse Systems
NPDES	OH0115100	4953	Refuse Systems
ICIS-NPDES	OHP000214	4952	Sewerage Systems
NPDES	OHP000214	4952	Sewerage Systems

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
GHGRP	1006777	562212	Solid Waste Landfill
ICIS-Air	OH000000641000223	562212	Solid Waste Landfill
ICIS-Air	OH000000641025009	221210	Natural Gas Distribution
RCRAInfo	OHR000207449	22121	Natural Gas Distribution

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	09/30/2020	
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	09/18/2020	
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	04/30/2020	Reviewed: 05/18/2020 Facility Reported Deviations
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	04/30/2019	Reviewed: 06/28/2019 Facility Reported Deviations
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	06/28/2018	
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	05/07/2018	
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	04/30/2018	Reviewed: 08/17/2018 Facility Reported Deviations
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	PCE On-Site	EPA	06/22/2017	
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	06/16/2016	
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	Stack Test	State	06/16/2016	Findings: Pass
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	03/30/2016	
CAA	OH000000641000223	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	02/24/2016	
CAA	OH000000641025009	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	09/10/2019	
CAA	OH000000641025009	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	08/14/2019	
CAA	OH000000641025009	ICIS-Air	Inspection/Evaluation	Stack Test	State	03/11/2019	Findings: Pass
CWA	OH0115100	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	04/25/2018	
CWA	OH0115100	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	02/17/2017	

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	OH000000641000223	No	10/10/2020	0	10/09/2020
CAA	OH000000641025009	No	10/10/2020	0	10/09/2020

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	OH0115100	No	06/30/2020	6	10/09/2020
CWA	OHP000214	No	06/30/2020	0	10/09/2020
RCRA	OHR000207449	No	10/10/2020	0	10/09/2020

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: OH0000000641000223)					10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History															
	Violation Type	Agency	Programs	Pollutants												

CAA (Source ID: OH0000000641025009)					10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History															
	Violation Type	Agency	Programs	Pollutants												

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: OH0115100)					07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-10/09/20
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	No Violation Identified	Violation Identified	Significant/Category 1 Noncompliance	Significant/Category 1 Noncompliance	Significant/Category 1 Noncompliance	No Violation Identified	Violation Identified	No Violation Identified	Undetermined
	Quarterly Noncompliance Report History				Compliant	Compliant	Compliant	Other Violation		Other Violation	Effluent - Monthly Average Limit	Effluent - Monthly Average Limit	Effluent - Monthly Average Limit	Resolved	Other Violation		
	Pollutant	Disch Point	Mon Loc	Freq													
CWA	Solids, total suspended	E001 - A	Effluent Gross	Mthly				54%		74%	263%				249%		
CWA	Solids, total suspended	E001 - A	Effluent Gross	NMth						7%	143%				200%		
CWA	Oil and grease, hexane extr method	E002 - A	Effluent Gross	NMth											27%		
CWA	Solids, total suspended	E002 - A	Effluent Gross	Mthly											671%		
CWA	Solids, total suspended	E002 - A	Effluent Gross	NMth											286%		
CWA	Oil and grease, hexane extr method	E003 - A	Effluent Gross	NMth							69%						
CWA	Solids, settleable	E003 - A	Effluent Gross	NMth							200%						
CWA	Solids, total suspended	E003 - A	Effluent Gross	Mthly				9%			4943%	191%	106%				
CWA	Solids, total suspended	E003 - A	Effluent Gross	NMth							4186%	71%	3%				
CWA	pH	E003 - A	Effluent Gross	NMth								LIMIT VIOLATION					
CWA (Source ID: OHP000214)					07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-10/09/20
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Undetermined
	Quarterly Noncompliance Report History				Compliant	Compliant	Compliant	Compliant				Compliant	Compliant	Compliant	Compliant		

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: OHR000207449)		10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Voluntary Disclosures (5 Years)

For EPA Internal Use Only

Lead Office	System	Law/Section	Source ID	Disclosure Policy	Disclosure Submission Date	Disclosure Status	Status Date	Link to Disclosure
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Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
050301010701	Headwaters Yellow Creek	UTT GOOSE CREEK	No	No	BOD, carbonaceous, 05 day, 20 C Oxygen demand, chem. (low level) (COD)	No

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
OH	2020	OH050301010701	Headwaters Yellow Creek	Impaired - 303(d) Listed - With Restoration Plan	CAUSE UNKNOWN ORGANIC ENRICHMENT/OXYGEN DEPLETION PATHOGENS		Not Supporting	Not Supporting	Not Supporting	

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No		Yes	1-Hour Ozone (1979); 8-Hour Ozone (1997)
Lead	No		No	
Particulate Matter	No		Yes	PM-2.5 (1997); PM-2.5 (2006)
Carbon Monoxide	No		No	
Sulfur Dioxide	No		No	

Pollutants

Air Pollutant Report

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	26.9
Ozone NATA Diesel PM	29.5
NATA Air Toxics Cancer Risk	32.2
NATA Respiratory Hazard Index (HI)	38.4
Traffic Proximity	59.2
Lead Paint Indicator	11.6
Superfund Proximity	39.6
Risk Management Plan (RMP) Proximity	45.9
Hazardous Waste Proximity	46.9
Wastewater Discharge Proximity	32.8

Number of EJ Indexes Above 80th Percentile
0

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons	1,966
Population Density	70/sq.mi.
Percent Minority	1%
Households in Area	819
Housing Units in Area	926
Households on Public Assistance	33
Persons Below Poverty Level	857

Geography	
Radius of Selected Area	3 mi.
Center Latitude	40.432403
Center Longitude	-80.911512
Land Area	100%
Water Area	0%

Income Breakdown - Households (%)	
Less than \$15,000	101 (12.05%)
\$15,000 - \$25,000	164 (19.57%)
\$25,000 - \$50,000	319 (38.07%)
\$50,000 - \$75,000	132 (15.75%)
Greater than \$75,000	122 (14.56%)

Age Breakdown - Persons (%)	
Children 5 years and younger	97 (5%)
Minors 17 years and younger	406 (21%)
Adults 18 years and older	1,559 (79%)
Seniors 65 years and older	372 (19%)

Race Breakdown - Persons (%)	
White	1,948 (99%)
African-American	4 (0%)
Hispanic-Origin	14 (1%)
Asian/Pacific Islander	2 (0%)
American Indian	1 (0%)
Other/Multiracial	11 (1%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	57 (3.71%)
9th through 12th Grade	160 (10.4%)
High School Diploma	859 (55.85%)
Some College/2-year	365 (23.73%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	97 (6.31%)

